OIPE

P#7

RAW SEQUENCE LISTING   DATE: 12/19/2001
PATENT APPLICATION: US/10/006,982 TIME: 10:46:09

Input Set : A:\401c11.app.txt
Output Set: N:\CRF3\12192001\J006982.raw

SEQUENCE LISTING

ENTERED

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 4 (1) GENERAL INFORMATION:
C--> 6        (i) APPLICANT: Blaschuk, Orest W.
 7                         Gour, Barbara J.
 9       (ii) TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
10                               CELL ADHESION
12      (iii) NUMBER OF SEQUENCES: 47
14       (iv) CORRESPONDENCE ADDRESS:
15            (A) ADDRESSEE: SEED IP LAW GROUP PLLC
16            (B) STREET: 6300 Bank of America Bldg., 701 Fifth Avenue
17            (C) CITY: Seattle
18            (D) STATE: Washington
19            (E) COUNTRY: USA
20            (F) ZIP: 98104
22        (v) COMPUTER READABLE FORM:
23            (A) MEDIUM TYPE: Floppy disk
24            (B) COMPUTER: IBM PC compatible
25            (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26            (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
28       (vi) CURRENT APPLICATION DATA:
C--> 29            (A) APPLICATION NUMBER: US/10/006,982
C--> 30            (B) FILING DATE: 04-Dec-2001
31            (C) CLASSIFICATION:
33     (viii) ATTORNEY/AGENT INFORMATION:
34            (A) NAME: Christiansen, William T.
35            (B) REGISTRATION NUMBER: 44,614
36            (C) REFERENCE/DOCKET NUMBER: 100086.401C11
38       (ix) TELECOMMUNICATION INFORMATION:
39            (A) TELEPHONE: (206) 622-4900
40            (B) TELEFAX: (206) 682-6031
43 (2) INFORMATION FOR SEQ ID NO: 1:
45        (i) SEQUENCE CHARACTERISTICS:
46            (A) LENGTH: 108 amino acids
47            (B) TYPE: amino acid
48            (C) STRANDEDNESS:
49            (D) TOPOLOGY: linear
55       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
57            Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
58            1               5                   10                  15
60            Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
61                        20                  25                  30
63            Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
64                    35                  40                  45
66            Gly Ile Phe Ile Leu Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
67                50                  55                  60
69            Pro Leu Asp Arg Glu Gln Ile Ala Arg Phe His Leu Arg Ala His Ala
70            65                  70                  75                  80
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72        Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
73                    85              90                  95
75        Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
76                    100             105
78 (2) INFORMATION FOR SEQ ID NO: 2:
80        (i) SEQUENCE CHARACTERISTICS:
81              (A) LENGTH: 108 amino acids
82              (B) TYPE: amino acid
83              (C) STRANDEDNESS:
84              (D) TOPOLOGY: linear
90        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
92        Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
93        1               5                   10                  15
95        Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
96                    20              25                  30
98        Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
99                    35              40                  45
101       Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
102          50              55                  60
104       Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
105       65              70                  75                  80
107       Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
108                   85              90                  95
110       Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
111                   100             105
113 (2) INFORMATION FOR SEQ ID NO: 3:
115       (i) SEQUENCE CHARACTERISTICS:
116              (A) LENGTH: 108 amino acids
117              (B) TYPE: amino acid
118              (C) STRANDEDNESS:
119              (D) TOPOLOGY: linear
125       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
127       Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
128       1               5                   10                  15
130       Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
131                   20              25                  30
133       Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
134                   35              40                  45
136       Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
137          50              55                  60
139       Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
140       65              70                  75                  80
142       Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
143                   85              90                  95
145       Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
146                   100             105
148 (2) INFORMATION FOR SEQ ID NO: 4:
150       (i) SEQUENCE CHARACTERISTICS:
151              (A) LENGTH: 108 amino acids
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             RAW SEQUENCE LISTING              DATE: 12/19/2001
             PATENT APPLICATION:  US/10/006,982    TIME: 10:46:09

             Input Set : A:\401c11.app.txt
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152              (B) TYPE: amino acid
153              (C) STRANDEDNESS:
154              (D) TOPOLOGY: linear
160         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
162          Asp Trp Val Val Ala Pro Ile Ser Val Pro Glu Asn Gly Lys Gly Pro
163          1               5               10              15
165          Phe Pro Gln Arg Leu Asn Gln Leu Lys Ser Asn Lys Asp Arg Asp Thr
166                          20              25              30
168          Lys Ile Phe Tyr Ser Ile Thr Gly Pro Gly Ala Asp Ser Pro Pro Glu
169                          35              40              45
171          Gly Val Phe Ala Val Glu Lys Glu Thr Gly Trp Leu Leu Leu Asn Lys
172              50              55              60
174          Pro Leu Asp Arg Glu Glu Ile Ala Lys Tyr Glu Leu Phe Gly His Ala
175          65              70              75              80
177          Val Ser Glu Asn Gly Ala Ser Val Glu Asp Pro Met Asn Ile Ser Ile
178                          85              90              95
180          Ile Val Thr Asp Gln Asn Asp His Lys Pro Lys Phe
181                      100             105
183  (2) INFORMATION FOR SEQ ID NO: 5:
185         (i) SEQUENCE CHARACTERISTICS:
186              (A) LENGTH: 108 amino acids
187              (B) TYPE: amino acid
188              (C) STRANDEDNESS:
189              (D) TOPOLOGY: linear
195         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
197          Glu Trp Val Met Pro Pro Ile Phe Val Pro Glu Asn Gly Lys Gly Pro
198          1               5               10              15
200          Phe Pro Gln Arg Leu Asn Gln Leu Lys Ser Asn Lys Asp Arg Gly Thr
201                          20              25              30
203          Lys Ile Phe Tyr Ser Ile Thr Gly Pro Gly Ala Asp Ser Pro Pro Glu
204                          35              40              45
206          Gly Val Phe Thr Ile Glu Lys Glu Ser Gly Trp Leu Leu Leu His Met
207              50              55              60
209          Pro Leu Asp Arg Glu Lys Ile Val Lys Tyr Glu Leu Tyr Gly His Ala
210          65              70              75              80
212          Val Ser Glu Asn Gly Ala Ser Val Glu Glu Pro Met Asn Ile Ser Ile
213                          85              90              95
215          Ile Val Thr Asp Gln Asn Asp Asn Lys Pro Lys Phe
216                      100             105
218  (2) INFORMATION FOR SEQ ID NO: 6:
220         (i) SEQUENCE CHARACTERISTICS:
221              (A) LENGTH: 108 amino acids
222              (B) TYPE: amino acid
223              (C) STRANDEDNESS:
224              (D) TOPOLOGY: linear
230         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
232          Asp Trp Val Ile Pro Pro Ile Ser Cys Pro Glu Asn Glu Lys Gly Pro
233          1               5               10              15
235          Phe Pro Lys Asn Leu Val Gln Ile Lys Ser Asn Lys Asp Lys Glu Gly
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RAW SEQUENCE LISTING                    DATE: 12/19/2001
PATENT APPLICATION:  US/10/006,982      TIME: 10:46:09

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236                    20                   25                   30
238        Lys Val Phe Tyr Ser Ile Thr Gly Gln Gly Ala Asp Thr Pro Pro Val
239                    35                   40                   45
241        Gly Val Phe Ile Ile Glu Arg Glu Thr Gly Trp Leu Lys Val Thr Glu
242              50                   55                   60
244        Pro Leu Asp Arg Glu Arg Ile Ala Thr Tyr Thr Leu Phe Ser His Ala
245        65                   70                   75                   80
247        Val Ser Ser Asn Gly Asn Ala Val Glu Asp Pro Met Glu Ile Leu Ile
248                    85                   90                        95
250        Thr Val Thr Asp Gln Asn Asp Asn Lys Pro Glu Phe
251                    100                  105
253 (2)  INFORMATION FOR SEQ ID NO: 7:
255        (i) SEQUENCE CHARACTERISTICS:
256              (A) LENGTH: 108 amino acids
257              (B) TYPE: amino acid
258              (C) STRANDEDNESS:
259              (D) TOPOLOGY: linear
265        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
267        Asp Trp Val Ile Pro Pro Ile Ser Cys Pro Glu Asn Glu Lys Gly Glu
268        1                   5                   10                  15
270        Phe Pro Lys Asn Leu Val Gln Ile Lys Ser Asn Arg Asp Lys Glu Thr
271                    20                   25                   30
273        Lys Val Phe Tyr Ser Ile Thr Gly Gln Gly Ala Asp Lys Pro Pro Val
274                    35                   40                   45
276        Gly Val Phe Ile Ile Glu Arg Glu Thr Gly Trp Leu Lys Val Thr Gln
277              50                   55                   60
279        Pro Leu Asp Arg Glu Ala Ile Ala Lys Tyr Ile Leu Tyr Ser His Ala
280        65                   70                   75                   80
282        Val Ser Ser Asn Gly Glu Ala Val Glu Asp Pro Met Glu Ile Val Ile
283                    85                   90                        95
285        Thr Val Thr Asp Gln Asn Asp Asn Arg Pro Glu Phe
286                    100                  105
288 (2)  INFORMATION FOR SEQ ID NO: 8:
290        (i) SEQUENCE CHARACTERISTICS:
291              (A) LENGTH: 5 amino acids
292              (B) TYPE: amino acid
293              (C) STRANDEDNESS:
294              (D) TOPOLOGY: circular
296        (ii) MOLECULE TYPE: peptide
301        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
303        Cys His Ala Val Cys
304        1                   5
306 (2)  INFORMATION FOR SEQ ID NO: 9:
308        (i) SEQUENCE CHARACTERISTICS:
309              (A) LENGTH: 5 amino acids
310              (B) TYPE: amino acid
311              (C) STRANDEDNESS:
312              (D) TOPOLOGY: circular
314        (ii) MOLECULE TYPE: peptide
```

RAW SEQUENCE LISTING   DATE: 12/19/2001
PATENT APPLICATION: US/10/006,982   TIME: 10:46:09

          Input Set : A:\401c11.app.txt
          Output Set: N:\CRF3\12192001\J006982.raw

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319     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
321     Cys His Gly Val Cys
322      1          5
324 (2) INFORMATION FOR SEQ ID NO: 10:
326     (i) SEQUENCE CHARACTERISTICS:
327          (A) LENGTH: 8 amino acids
328          (B) TYPE: amino acid
329          (C) STRANDEDNESS:
330          (D) TOPOLOGY: circular
332     (ii) MOLECULE TYPE: peptide
337     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
339     Cys Ala His Ala Val Asp Ile Cys
340      1          5
342 (2) INFORMATION FOR SEQ ID NO: 11:
344     (i) SEQUENCE CHARACTERISTICS:
345          (A) LENGTH: 8 amino acids
346          (B) TYPE: amino acid
347          (C) STRANDEDNESS:
348          (D) TOPOLOGY: circular
350     (ii) MOLECULE TYPE: peptide
355     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
357     Cys Ala His Gly Val Asp Ile Cys
358      1          5
360 (2) INFORMATION FOR SEQ ID NO: 12:
362     (i) SEQUENCE CHARACTERISTICS:
363          (A) LENGTH: 6 amino acids
364          (B) TYPE: amino acid
365          (C) STRANDEDNESS:
366          (D) TOPOLOGY: circular
368     (ii) MOLECULE TYPE: peptide
373     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
375     Cys Ser His Ala Val Cys
376      1          5
378 (2) INFORMATION FOR SEQ ID NO: 13:
380     (i) SEQUENCE CHARACTERISTICS:
381          (A) LENGTH: 6 amino acids
382          (B) TYPE: amino acid
383          (C) STRANDEDNESS:
384          (D) TOPOLOGY: circular
386     (ii) MOLECULE TYPE: peptide
391     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
393     Cys Ser His Gly Val Cys
394      1          5
396 (2) INFORMATION FOR SEQ ID NO: 14:
398     (i) SEQUENCE CHARACTERISTICS:
399          (A) LENGTH: 6 amino acids
400          (B) TYPE: amino acid
401          (C) STRANDEDNESS:
402          (D) TOPOLOGY: circular
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VERIFICATION SUMMARY   DATE: 12/19/2001
PATENT APPLICATION: US/10/006,982   TIME: 10:46:10

Input Set : **A:\401cll.app.txt**
Output Set: **N:\CRF3\12192001\J006982.raw**

L:6 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:]
L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:922 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42